

Work Order ID 145065

Monday, May 02, 2016 4:12:56 PM

145065

Page 1

Item ID: D145-762-053

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Replacement Wearplates for Standard Skid tubes Fit LH or RH

Stop *NS2*

Start Date: 5/20/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 5/26/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: dem Date: 16/05/03 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D117-762	E

100 0.00 DAS 8 MAY 19 2016

100

DOCUMENT CONTROL

DC	Memo	0.00
----	------	------

Doc.Control -USB or Paperwork

Memo

Photocopy bluefile & type labels per PPP D145-762-053 CHG004

110	Pick Kit	0.00
-----	----------	------

110

Pick Kit

Packaging	Memo	0.00
-----------	------	------

Packaging

Memo

120	QC4- 100% Inspect kits for completeness	0.00
-----	---	------

120

Memo

Quality Control

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment	☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure
Design	☐	☐	Operator	☐	Bending	☐	Set-up
Doc/Data	☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route
Equip/Tooling	☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect
Handling/Pre	☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified
Material	☐	☐	Use for Testing	☐	Cuffs	☐	Contamination
Internal Transport	☐	☐	Poor Information	☐	Crushing	☐	Countersink
Tribal Knowledge	☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short
LOA	☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear
Substation	☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes
Past Expiry Date	☐	☐	Manufacturing Process	☐	OTHER :		
Misidentified	☐	☐	Past Due	☐			

Monday, May 02, 2016 4:12:56 PM

145065

Page 2

Item ID: D145-762-053

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Replacement Wearplates for Standard Skidtubes Fit LH or RH

Stop *NS2*

Start Date: 5/20/2016 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 5/26/2016 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: _____ **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

0.00

Packaging

Memo

Packaging

Identify and pack for shipping as per PPP D145-762-053
Location:

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.10

Quality Control

Q#	Q#	Number	Stamp
	DAS	DAS	
	28	27	MAY 18 2016
	9-09	9-09	

MCS MAY 19 2016

MCS MAY 19 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																																																															
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																																																											
Description Work Order Deviation				Disposition																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4" style="text-align: left;">Root Cause</th> <th colspan="6" style="text-align: left;">FAULT CATEGORY</th> </tr> </thead> <tbody> <tr> <td>Environment ☐</td> <td>☐</td> <td>No Re-verification ☐</td> <td>Pressure/Forced ☐</td> <td>Temperature/Cure ☐</td> <td>Power Loss/Surge ☐</td> <td>Positioned Wrong ☐</td> </tr> <tr> <td>Design ☐</td> <td>☐</td> <td>Operator ☐</td> <td>Bending ☐</td> <td>Set-up ☐</td> <td>Folio/Program ☐</td> <td>Outside Dimensions ☐</td> </tr> <tr> <td>Doc/Data ☐</td> <td>☐</td> <td>Offset/Setup ☐</td> <td>Centre Not Concentric ☐</td> <td>BOM/Route ☐</td> <td>Grain ☐</td> <td>Over/Under tolerance ☐</td> </tr> <tr> <td>Equip/Tooling ☐</td> <td>☐</td> <td>Supplier ☐</td> <td>Cracks ☐</td> <td>Broken/Damage/Defect ☐</td> <td>Weld ☐</td> <td>Part Incorrect ☐</td> </tr> <tr> <td>Handling/Pre ☐</td> <td>☐</td> <td>Training ☐</td> <td>Crimp/Kink/Ripple/Wave ☐</td> <td>Inspection Incomplete/Unqualified ☐</td> <td>Wrong Stock Pulled ☐</td> <td>Part Lost/Missing ☐</td> </tr> <tr> <td>Material ☐</td> <td>☐</td> <td>Use for Testing ☐</td> <td>Cuffs ☐</td> <td>Contamination ☐</td> <td>Out of Sequence ☐</td> <td>Part Moved ☐</td> </tr> <tr> <td>Internal Transport ☐</td> <td>☐</td> <td>Poor Information ☐</td> <td>Crushing ☐</td> <td>Countersink ☐</td> <td>Off-set ☐</td> <td>Drawing ☐</td> </tr> <tr> <td>Tribal Knowledge ☐</td> <td>☐</td> <td>Rushing ☐</td> <td>Heat Treat ☐</td> <td>Cut Too Short ☐</td> <td>Mislabeled ☐</td> <td>Finish ☐</td> </tr> <tr> <td>LOA ☐</td> <td>☐</td> <td>Product Improvement ☐</td> <td>Wave/Twist in Tube ☐</td> <td>Instructions Incomplete/Unclear ☐</td> <td>Fit/Function ☐</td> <td>Misread ☐</td> </tr> <tr> <td>Substation ☐</td> <td>☐</td> <td>Process Improvement ☐</td> <td>Marks/Chatter ☐</td> <td>Drill Holes ☐</td> <td>Misaligned/off center ☐</td> <td>Turning Sequence ☐</td> </tr> <tr> <td>Past Expiry Date ☐</td> <td>☐</td> <td>Manufacturing Process ☐</td> <td colspan="4" rowspan="2" style="text-align: center; vertical-align: top;">OTHER :</td> </tr> <tr> <td>Misidentified ☐</td> <td>☐</td> <td>Past Due ☐</td> </tr> </tbody> </table>										Root Cause				FAULT CATEGORY						Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :				Misidentified ☐	☐	Past Due ☐
Root Cause				FAULT CATEGORY																																																																																															
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																																																																																													
Design ☐	☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																																																																																													
Doc/Data ☐	☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																																																																																													
Equip/Tooling ☐	☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																																																																																													
Handling/Pre ☐	☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																																																																																													
Material ☐	☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																																																																																													
Internal Transport ☐	☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																																													
Tribal Knowledge ☐	☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																																																																																													
LOA ☐	☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																																																																																													
Substation ☐	☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																																													
Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER :																																																																																																
Misidentified ☐	☐	Past Due ☐																																																																																																	

Picklist Print

Monday, May 02, 2016 4:13:02 PM

Page 1

Work Order ID: 145065

145065

Parent Item: D145-762-053

D145-762-053

Parent Item Name: Replacement Wearplates for Standard Skidtubes Fit LH or RH

Start Date: 5/20/2016

Required Date: 5/26/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 13.04.24 NEW ISSUE DD VERF:JLM IPP
REV:B 13.11.14 AS PER IIN REV.C DD VERF:JLM IPP REV:C
14.11.24 as per ecn14-654/chg003 DD VERF:JLM IPP REV:D 15.06.11 IIN
REV.D DD VERF:JLM IPP REV:E 16.02.05 IIN REV.E
(ecn16-514) DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN4C43A		Purchased	No				Each	100.0000		4			
AN4C43A									**				
BOLT													
	DAS			Location				Loc Qty		Loc Code			DAS
	28			ST341				100					6 27
	9-89			m132070				100					9-89 27
D4682-041		Manufactured	No			110	Each	2.0000	1	1			
D4682-041									**				
Wearplate Assembly													
	DAS			Location				Loc Qty		Loc Code			DAS
	28			ST191				2					6 27
	9-89			126867				1					9-89 27
				128553				1					9-89
D4682-043		Manufactured	No			110	Each	4.0000	1	1			
D4682-043									**				
Wearplate Assembly													
	DAS			Location				Loc Qty		Loc Code			DAS
	28			ST192				4					6 27
	9-89			126865				1					9-89
				128554				3					9-89

MAY 19 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																							
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER :																																							

Picklist Print

Page 2

Monday, May 02, 2016 4:13:02 PM

Work Order ID: 145065

145065

Parent Item: D145-762-053

D145-762-053

Parent Item Name: Replacement Wearplates for Standard Skidtubes Fit LH or RH

Start Date: 5/20/2016

Required Date: 5/26/2016

Start Qty: 1.00

Required Qty: 1.00

D4682-7 Manufactured No

110 Each 12.0000 1 1

D4682-7

Wearplate

**

DAS
6
9-89
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST604

12

132147

12

D4764-1 Manufactured No

110 Each 74.0000 12 12

D4764-1

Bushing

**

DAS
6
9-89
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST124

74

128558

4

132495

70

AN4C42A Purchased No

Each 38.0000 2

AN4C42A

Bolt

**

DAS
27
9-89
MAY 10 9-89
DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST341

38

M131947

38

Monday, May 02, 2016 4:13:02 PM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

Picklist Print

Page 3

Monday, May 02, 2016 4:13:02 PM

Work Order ID: 145065

145065

Parent Item: D145-762-053

D145-762-053

Parent Item Name: Replacement Wearplates for Standard Skidtubes Fit LH or RH

Start Date: 5/20/2016

Required Date: 5/26/2016

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

110

Each

1,137.000

6

6

MS21043-4

Nut

DAS

8

9-89

DAS

27

9-89

MAY 19 2016

Location

Loc Qty

Loc Code

FG 40

104603 40

GA 95

m132803 95

OVER007 300

m134502 300

ST302 702

m133769 102

m134249 300

m134634 300

DAS
28
9-89

6

Monday, May 02, 2016 4:13:02 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																						OTHER :																																									

5.2 D145-762-013/-113 Skidtube Parts List

Item	Qty -013	Qty -043	Qty -053	Qty -113	Qty -153	Part Number	Description
	X					D145-762-013	SKIDTUBE WITH STD WEARPLATES
	1	X		1		D145-762-043	REPLACEMENT STD SKIDTUBE
	1		X			D145-762-053	REPLACEMENT WEARPLATES (STD SKIDTUBES)
				X		D145-762-113	SKIDTUBE WITH TRAINING WEARPLATES
				1	X	D145-762-153	REPLACEMENT TRAINING WEARPLATES (STD SKIDTUBE)
101		1				D4680-041	SKIDTUBE ASSEMBLY
102	2			2		**L321M1024101 OR **B321M1026101	SKID SHOE (REF ONLY)
103	8			8		**BRSP96/25-SK-WS-1 TEILIG OR **BRSP98/25-SK-WS-1 TEILIG OR **01618266098	CLAMP (REF ONLY)
104	8			8		**N/A	OEM BOLT (REF ONLY)
105	8			8		**N/A	OEM LOCKING WASHER (REF ONLY)
106	8			8		**N/A	OEM WASHER (REF ONLY)
110A		1				*D2965	CAP
110B		1				*D2965-3	CAP
111		4				***AELS-1032-225	INSERT
112		2				*AN3C5A	BOLT
113		2				*NAS1149C0332R	WASHER (OR AN960C10L)
114		2				*AN526C1032	SCREW
120A			1			D4682-041	WEARPLATE
120B			1			D4682-043	WEARPLATE
120C			1			D4682-7	WEARPLATE
121A				1		D4769-041	WEARPLATE
121B				1		D4773-041	WEARPLATE
121C				1		D4771-041	WEARPLATE
122			12			D4764-1	BUSHING
123			2			AN4C42A	BOLT
124			4			AN4C43A	BOLT
125			6			MS21043-4	NUT
130		3				*AELS-1032-130	INSERT
131		3				*AN3C4A	BOLT
132		3				*NAS1149C0332R	WASHER (AN960C10L)
150	2			2		AN6C52A	BOLT
151	2			2		D5300-1	GHL BUSHING
152	2			2		D5301-1	GHL PLUG
153	2			2		MS21043-6	NUT

* PART IS INCLUDED WITH D4680-041 STD SKIDTUBE ASSEMBLY

** TO BE SUPPLIED BY CUSTOMER, LISTED AS REFERENCE ONLY

*** DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE